



Fachhochschule Köln  
Cologne University  
of Applied Sciences



# Library and Information Science Education in Germany

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LIS Education in Germany

# Introduction

Cologne University of Applied Sciences  
Institute of Information Science





## History

- ▶ Foundation at August 1<sup>st</sup> 1971
- ▶ The largest University of Applied Sciences in Germany
- ▶ More than 450 professors and more than 16.000 students
- ▶ Ten faculties with a broad spectrum of subjects
- ▶ More than 60 study paths
- ▶ Nearly 50 % are Bachelor and Master studies

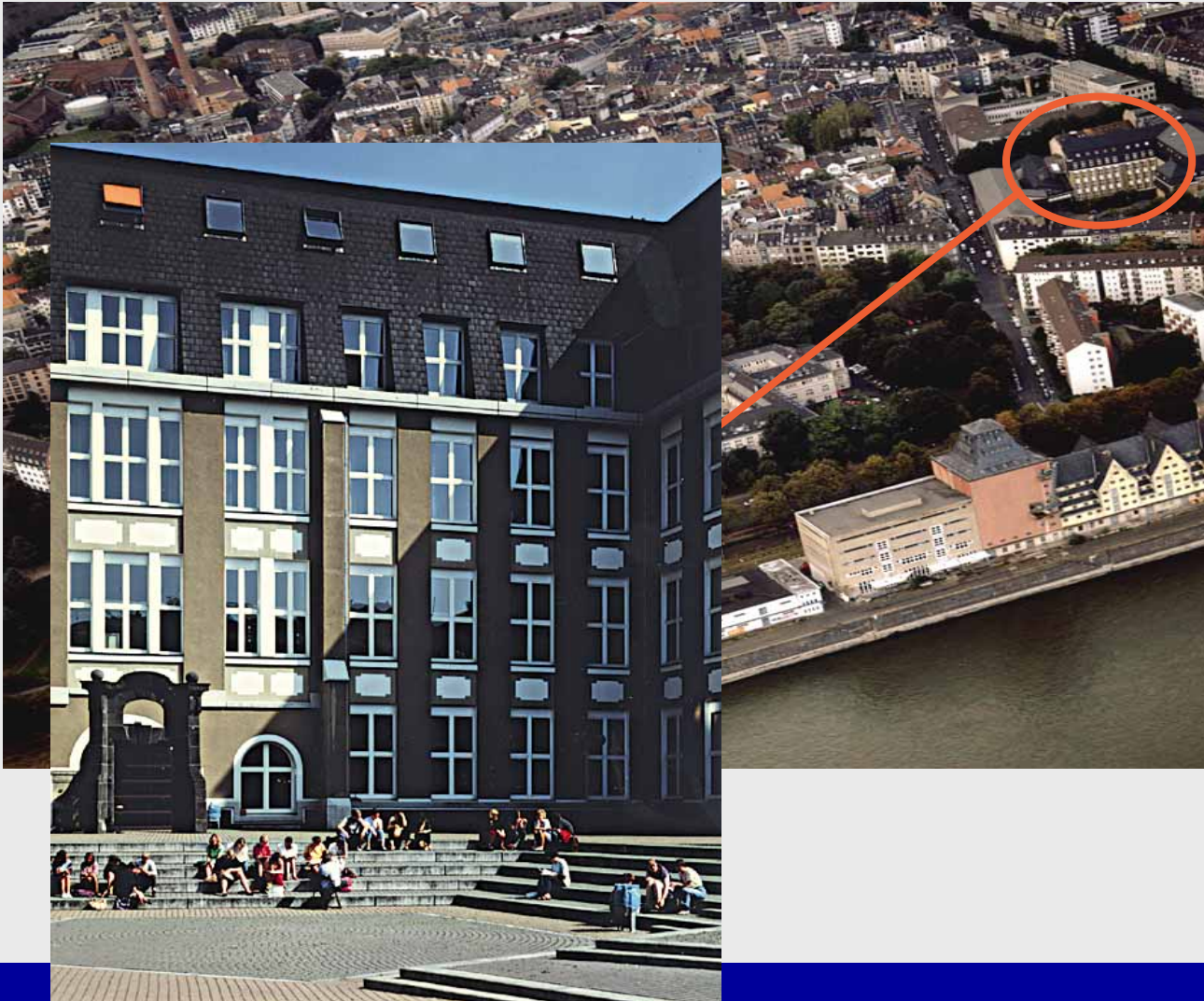


## Faculties

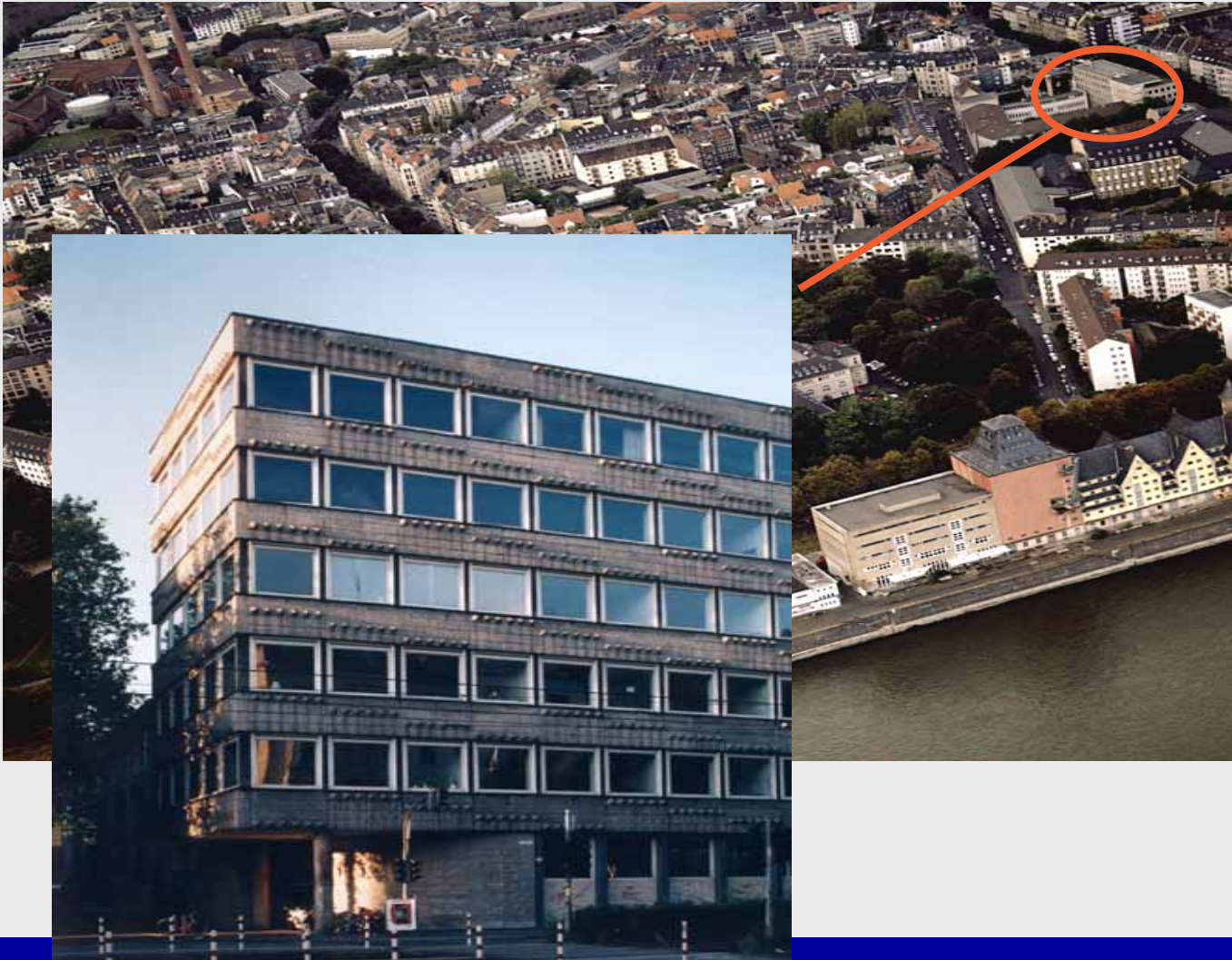
- 01 Faculty for Applied Social Sciences
- 02 Faculty for Culture Sciences
- 03 Faculty of Information Sciences and Communication Studies
- 04 Faculty of Economics and Business Administration
- 05 Faculty of Architecture
- 06 Faculty of Civil Engineering and Environmental Technology
- 07 Faculty of Information, Media and Electrical Engineering
- 08 Faculty of Automotive Systems and Production
- 09 Faculty of Process Engineering, Energy and Mechanical Systems
- 10 Faculty of Computer Science and Engineering Science

















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## LIS Education in Germany







## History of today's „Institute of Information Science“

- ▶ 1928 - 1944 West German Public Library School
- ▶ 1946 - 1949 West German Library School
- ▶ 1949 - 1982 Library Teaching Institute of NRW
- ▶ 1982 - 1995 University of Applied Sciences for Librarianship and Documentation
- ▶ 1995 Integration in the University of Applied Sciences
- ▶ 2001 Renaming in „Department of Information Science“
- ▶ 2002 Part of „Faculty of Information Sciences and Communication Studies“



## Staff of the Institute

- ▶ 21 professors
- ▶ 4 academic employees and 1 secretary
- ▶ ca. 20 part-time lecturers
- ▶ ca. 35 student assistants and tutors
- ▶ ca. 600 students







## Study paths

- ▶ *Librarianship (Diploma)*  
8 terms, 2007 academic reform BA 6 semesters
- ▶ *Information Economy (Diploma)*  
8 terms, 2007 academic reform BA 6 semesters
- ▶ *Master of Library and Information Science*  
3 terms plus 6 months practical training in advance
- ▶ *Media study Online-Editor (Bachelor of Arts)*  
6 terms

# LIS Education in Germany

Employee of media and information services

Studies at Universities of Applied Sciences

Studies at Universities

## India and Germany – some orientation

LIS Education in Germany



<http://www.weltkarte.com/europa/deutschlandkarten.htm>





## European Union

### LIS Education in Germany





## European Union

Daten der Europäischen Union

Beitritt	Land	Fläche in 1000 qkm	Einwohner in Mio. 2002	BIP/Kopf in KKS * 2003	Hauptstadt
2004	Malta	0,3	0,4	16.200	Valletta
2007	Luxemburg	3,0	0,4	48.300	Luxemburg
	Zypern	9,0	0,8	18.200	Nikosia
	Estland	45,0	1,4	11.300	Tallinn
	Slowenien	20,0	2,0	17.400	Ljubljana
	Lettland	65,0	2,3	9.700	Riga
	Litauen	65,0	3,5	10.700	Vilnius
	Irland	70,0	4,0	29.900	Dublin
	Finnland	305,0	5,2	25.600	Helsinki
	Slowakische Republik	49,0	5,4	11.900	Bratislava
	Dänemark	43,0	5,4	27.200	Kopenhagen
	Bulgarien	111,0	7,8	6.900	Sofia
	Österreich	84,0	8,1	27.100	Wien
	Schweden	411,0	8,9	25.900	Stockholm
	Ungarn	93,0	10,1	13.800	Budapest
	Tschechische Republik	79,0	10,2	15.600	Prag
	Belgien	31,0	10,4	26.300	Brüssel
	Portugal	92,0	10,4	16.400	Lissabon
	Griechenland	132,0	11,0	18.300	Athen
	Niederlande	34,0	16,2	26.700	Amsterdam
	Rumänien	238,0	21,8	6.900	Bukarest
	Polen	313,0	38,2	10.600	Warschau
	Spanien	505,0	40,7	21.800	Madrid
	Italien	301,0	57,3	23.500	Rom
	Großbritannien	244,0	59,3	26.500	London
	Frankreich	544,0	59,6	24.700	Paris
	Deutschland	357,0	82,5	24.000	Berlin
	EU	3.156,0	379,4		
	EU und alle Beitritts-	4.243,3	483,3		

EU:  
Total number  
of inhabitants:  
483,3 Million

India: 1,1 Billion



## Three levels

- ▶ 1<sup>st</sup> level **Apprenticeship** of three years  
Employee of media and information services  
(Fachangestellter für Medien- und Informationsdienste (FAMI))
- ▶ 2<sup>nd</sup> level **Undergraduate**  
**Till today:**  
Higher Education at UASc awarding the  
academic degree „Diplom“ e.g. in librarianship  
or information economy  
**In future:** Academic Bachelor-degree at  
UASc and other Universities





## Three levels

### ▶ 3<sup>rd</sup> level Postgraduate

#### Till today:

- ▶ Higher education at Universities and UASc Cologne awarding the academic degree „Diplom“ in Information Science e.g. as supplementary study or PhD studies
- ▶ Official government supported education of civil servants in a 2 years postgraduate programme

**In future:** Academic Master-degree at UASc and other Universities



HAW Hamburg

FH Hannover

Uni Hildesheim

HHU Düsseldorf

FH Köln

Archivsch. Marburg

FH Darmstadt

FH Stuttgart / HdM

Uni Saarbrücken

Uni Konstanz

FH Chur,  
Switzerland



Humboldt Uni Berlin

FH Potsdam

HTWK Leipzig

TU Ilmenau

Uni Erlangen/Nbg.

Uni Regensburg

FH Ulm

LMU München

BBFH/BBS München

FH Eisenstadt,  
Austria



## Qualifications

- ▶ The different fields of librarianship (e.g. public, academic, and special libraries) have a minor importance in education.
- ▶ Traditional skills like bibliography, author/title approach and the focus on books as objects (ancient manuscripts, incunables, bookbinding, design) are losing relevance.
- ▶ There is growing convergence of information economy, documentation, and librarianship.
- ▶ Librarians are no longer be employed only in libraries.





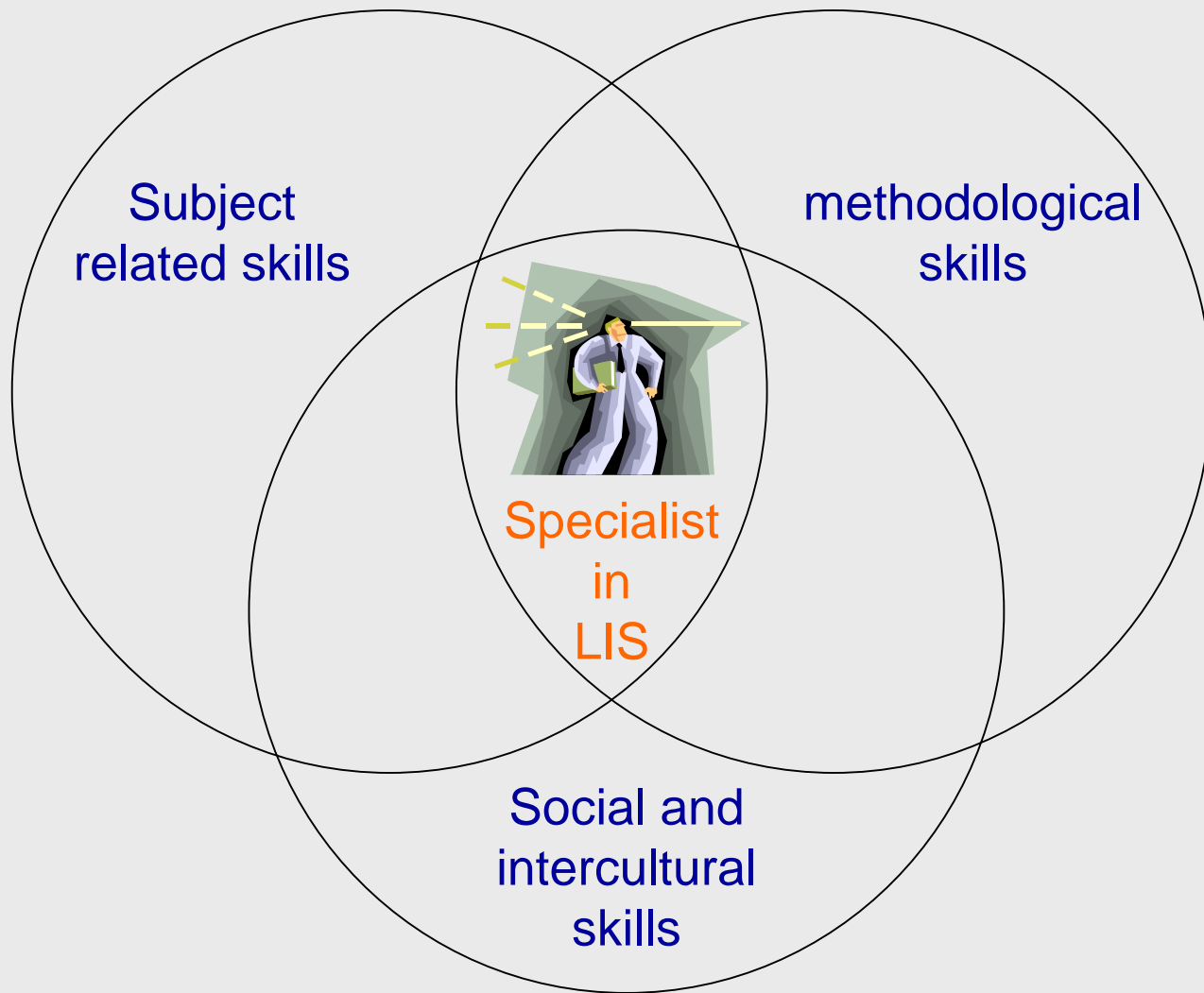
## Qualifications

- ▶ Employers
  - ▶ libraries, companies, other institutions ...
- ▶ Fields of work
  - ▶ management, indexing, information research ...
- ▶ Skills
  - ▶ specialist knowledge, cultural and social skills ...



## Qualifications

- ▶ What knowledge and skills a librarian must have in the new information society?
- ▶ Know-how in business administration and marketing of information services as well as information services and information literacy are new key-areas
- ▶ The degree of language proficiency and information technology gains importance
- ▶ Some new fields have to get more importance in the curricula: knowledge management, competitive intelligence, media engineering and web-technology
- ▶ Social skills are an integrated part of LIS education







## Consequences for education

- ▶ Curricula can no longer be based on the needs of libraries only
- ▶ Curricula have to be realigned to different fields of LIS and the qualifications required there
- ▶ BTW a higher flexibility of the applicants in the labor market will be reached



## Consequences for education

- ▶ Beside the education in librarianship UASc & other Universities provide study programmes in
  - ▶ information management,
  - ▶ information economics,
  - ▶ information systems (information technology),
  - ▶ online editor,
  - ▶ knowledge management,
  - ▶ archive management,
  - ▶ information design etc.
- ▶ These study paths overlap in some / many topics with LIS

# Internationalization of Education in Germany / Europe

Bachelor and Master  
Consequences and Trends





## The transition to international degrees

Most important aspects of university reform in Europe  
(Bologna Declaration)

- ▶ The introduction of staged studies and degrees  
(Bachelor and Master)
- ▶ Making international mobility for students easier
- ▶ More transparency in teaching and teaching contents
- ▶ Standardized calculation of credits (ECTS)
- ▶ Reduction in study duration
- ▶ Internationalization of studies
- ▶ Promotion of life-long learning



## Organisation in Germany

- ▶ The general law of higher education is the Framework Act for Higher Education, but
- ▶ Each federal state arranges its policy in education on the base of the state-based higher education act
- ▶ There are a lot of differences in higher education
- ▶ Example: There are Bachelor and Master degree combinations with 6+4, 7+3 or 8+2 terms, but some states only allow 6+4 semesters.



## Problems in Germany

- ▶ The duration of the Bachelor's degree usually will be 3 years.
- ▶ Consequences:
  - ▶ Condensation of diploma content from 4 to 3 years
  - ▶ practical training term of 22 weeks might get skipped





## Outlook

- ▶ Continuing education will become more important in future
- ▶ It will be organized in form of
  - ▶ pursuing a degree while working full time
  - ▶ part-time studies
  - ▶ lectures in the evening and on weekends
  - ▶ further education and / or summer schools
  - ▶ e-learning and distance education
- ▶ Integration of further education institutions in the universities.



**Your questions are welcome!**

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